

From boatanchors@theporch.com Tue Jun 11 09:53:35 1996  
From: provero@connix.com  
Subject: Re: 390A - bit weak below 8 mhz  
Message-ID: <199606110202.WAA25557@comet.connix.com>

In <Pine.OSF.3.90.960610194040.20167A-100000@govonca2.gov.on.ca>, on  
06/10/96 at 06:58 PM,  
Brien Pepperdine <pepperb@gov.on.ca> said:

>Anyhow, of course it is triple conversion from .5 - 8 megs, and he told  
> me it was somewhat weak there. It was, and I did replace V202 and V207  
> (6C4, 5654) tubes (esp. since I have had so many bad and marginal 6C4  
> tubes in the HQ-170A). Even so it is fair maybe perhaps on 80m, but not  
> much on 40 m CW (which is where I would be on 40 m).

I don't have the 390/390A presently, but on the similarly designed R-392  
the suspect locations would be the first crystal oscillator (only  
operates on the 8 lowest bands).

Also look at the signal path between the first and second mixer. There  
is a switch in the path, as on the 8 lowest bands the output of the  
first mixer goes to the second, while above 8 MHz the output of the 2nd  
rf amplifier goes to the 2nd mixer.

A schematic does make things easier....

P.J. "Josh" Rovero email: pjr@ocean-surveys.com  
Ocean Surveys, Inc. www: http://www.ocean-surveys.com 91  
Sheffield Street vox: (860)388-4631  
Old Saybrook, CT 06475 fax: (860)388-5879

From boatanchors@theporch.com Tue Jun 11 19:28:59 1996  
From: Guy Dragoo <gdrag@proedge.com>  
Subject: 51S-1 500kc Plugin Crystal  
Message-ID: <01BB577C.DB6DFBC0@ft239.computek.net>

I recently got a 51S-1 that needed a little (translation: less than a =  
million hours) tender loving care. After much scrubbing and cosmetic as =  
well as Deoxit and lubing work the beast is becoming real presentable =  
and somewhat usable.

Well, now comes the electrical repairs (now that I can see thru all the =  
grunge) and all the controls seem to function properly. The beast seems =  
to drop out on SSB (both sides) and CW setting after it warms for a =  
while (AM remains fine). After checking and replacing tubes I finally =

gave up on them being the culprit. Since it seemed to be a heat related = fatality I brought out the trusty canned air and proceeded to start = cooling components...you guessed it the ole "heat up and drop out = crystal" trick.

Hmmmm, am I in trouble or not? I am looking for a 51S-1 500kc plug in = crystal. Anyone on the list have one or know where to get it? Tell me = this beast is common and that I won't have to sell the 51S-1 to afford = one...pleeeese.

Thanks and 73

Guy Dragoo AC5HL

From boatanchors@theporch.com Tue Jun 11 19:28:59 1996

From: "James C. Garland" <garland@MPS.OHIO-STATE.EDU>

Subject: Re: 51S-1 500kc Plugin Crystal

Message-ID: <01I5S82Z024M8WW2T6@MPS.OHIO-STATE.EDU>

At 10:04 AM 6/11/96 -0500, you wrote:

>I recently got a 51S-1 that needed a little (translation: less than a million hours) tender loving care. After much scrubbing and cosmetic as well as Deoxit and lubing work the beast is becoming real presentable and somewhat usable.

>Well, now comes the electrical repairs (now that I can see thru all the grunge) and all the controls seem to function properly. The beast seems to drop out on SSB (both sides) and CW setting after it warms for a while (AM remains fine). After checking and replacing tubes I finally gave up on them being the culprit. Since it seemed to be a heat related fatality I brought out the trusty canned air and proceeded to start cooling components...you guessed it the ole "heat up and drop out crystal" trick.

>Hmmmm, am I in trouble or not? I am looking for a 51S-1 500kc plug in crystal. Anyone on the list have one or know where to get it? Tell me this beast is common and that I won't have to sell the 51S-1 to afford one...pleeeese.

>Thanks and 73

>Guy Dragoo AC5HL

>

I had a problem with the 500kHz xtal in my 51S1 (it was about 800Hz off frequency) and obtained an exact replacement from Surplus Sales of Nebraska. The price was outrageous (\$30), but the new crystal worked fine. Before calling SSN, however, I'd give Fair Radio Sales a call. They have a couple of 51S1 junkers, and it's possible one of them still has the 500kHz xtal. Good luck.

Jim W8ZR

From boatanchors@theporch.com Tue Jun 11 09:53:35 1996

From: Bob Duckworth <rmd@ka4ybr.netmha.com>  
Subject: AA4RM et-al pulled off a FB fest.  
Message-ID: <199606111155.HAA07819@ka4ybr.netmha.com>

Good job.

My garage/shack should be done by next summer and is only 600yds up the hill from the old Sears (hamfest site). Homebrew on tap!

I set up to dispose of PC debris and some BA's so didn't have much time to look around.

Dragged back up the hill

BC348R. clean. older fair radio conversion with S meter.  
GRC-9. beautiful HB PS. works FB. will try on BA/GB net this week.  
Philco S-38 console (AMBCB plus 2 x SW) needs caps and tubes.  
BC603 x 2. don't want these but traded some even less desired PC-Debris for them.  
HRO-500. a bit ratty, works, synth tracking off a bit. looking for manual.  
Eico 710 GDM with coils.  
2 x blue and white cornel dubilier parts bins and matching (but very ratty C-D capacitor tester).  
And sold enough PC-debris to connect with a Racal 6790/GM with 3.2kHz, 6.8kHz, 16kHz, 400Hz and 1200Hz filters.  
Not a BA but a nice SW RX nonetheless.

-bob

From boatanchors@theporch.com Tue Jun 11 09:53:35 1996  
From: Fire Bottle archive handler <firebotl@jackatak.theporch.com>  
Subject: ADMINISTRIVIA: British tube cross-reference  
Message-ID: <9606102357.aa18282@jackatak.theporch.com>

Gang-

Through some tedious and difficult effort by Ray Mote, who transcribed the original Tube Manual into an electronically readable reference for the list, we have SIX new files for the archives!

Volumes 1, 2, 3, 4, 5, and 6 of the British Tube Cross-Reference

And, they are ready for your electronic reference library.

As always, send your request to retrieve these files to:

listproc@theporch.com

(PLEASE be careful... do NOT send these requests to the list address!)

And, in the body of the message, type:

```
get boatanchors uk.tube.xref.01
get boatanchors uk.tube.xref.02
get boatanchors uk.tube.xref.03
get boatanchors uk.tube.xref.04
get boatanchors uk.tube.xref.05
get boatanchors uk.tube.xref.06
```

while you are at it, why not ask for an index and see what else might be there... it changes regularly, and the additions may be there for a while before a message gets posted...

to retrieve the index just include the line:

```
index boatanchors
```

That's it... Thanks, Ray. Heck of a job!

--

73

Jack, W4PPT/Mobile (75M SSB 2-letter WAS #1657/#1789 -- both all mobile! ;^)

- - - BoatAnchor Mailing List Archiver/Owner - - -

firebotl@jackatak.theporch.com ----- listown@jackatak.theporch.com

From boatanchors@theporch.com Tue Jun 11 19:28:59 1996

From: knudsen@gvmail.ih.att.com

Subject: ARCI Radio Swapmeet Report

Message-ID: <9606112330.AA23133@bock.ih.att.com>

Last Sunday at an obscene hour (0700 local) was one of IL Antique Radio Club's quarterly swapmeets. I spotted the following BAs:

An HQ-129X in pretty good shape. It was still there when I left -- surprised nobody grabbed this classic. It looked pretty good, especially since only one knob was original :-). Didn't ask the price since I already have one.

A military version of the 129X, also decent shape. No price, but it changed tables. Must say it's nicer looking than the civvy version, and I mistook it for an HQ-120 at first (a radio I'd pay over \$100 for).

A Gonset SB-100 AM/SSB/CW exciter, on the same table with the above two RX. This is the one styled to look like a Collins commercial set. It was as near mint in/out as I ever hope to see. Asking \$150, it went for \$125.

A small military RX/TX pair that was discussed here a while back, \$100 for the pair. Only the RX was brought inside, since the TX was so stinkin heavy.

A very old rack-mount O-scope, only 4" high, similar to my 3" high National antique, \$50.

The chassis of a big old homebrew RX, with a National PW tuning assembly having one gang on each side of the dial, plus a nice vernier dial and lots of other good parts including National IF cans and ceramic tube sockets (pre-octal 6 and 7 pin). Alleged to have used P-P 2A3 output tubes (no tubes or plug-in coils were in it), so somebody wanted their QSOs LOUD and clear :-)

A Sears Silvertone Trans-Oceanic wannabee, which I'd heard mention of but never seen before. Since I collect one of every T-O clone, I took this for \$55. It works, and yes it uses a 1L6 like everyone else, and a TV turret type tuner like Halli and Stromberg.

A Hallicrafters T-O wannabee (Trans-O-Bee as someone called it, great name!) in SUPERB shape, with black case and none of that sickly green in its front panel or knobs. Even the band indicator drum worked. Since I have two already, one sort of working, I passed for \$95. Now I wish I'd taken it and unloaded the other two at the next swap meet.

A big old HP signal generator, not the really gross one, outside in the (wet) parking lot.

A Drake 2-C with matching speaker-Q-mult unit, nicely repainted but some corrosion spots inside, both manuals, asking \$185, but nobody around. The station wagon it was sitting in disappeared without my ever seeing the seller. I was surprised on reading the manual to find the 2-C is a hybrid set, only 7 tubes -- thought that only started with the 4-line. Time to re-read Moore's for the 4th time....

The only Ham gear I ended up getting was an HW-8. I'm still suspended from receiving mail, so I can't hear your hoots of derision :-). Anyone want a nice clean HW-7?

And thanks to Tom Kleinschmidt for giving me a table rack cabinet to

slip the R390A or Racal and a couple smaller items into. I convinced the XYL that this does not add to the cubic space, since it is hollow and swallows existing radios.

I hope this posts OK, while I'm suspended from receiving mail. Hopefully by end of this week my work project will get done and I can turn the BA List back on! 73, mike k aa9rg

Note new alternative address: mknudsen@lucent.com  
It may get tagged on this message, hope not....

From boatanchors@theporch.com Tue Jun 11 19:28:59 1996  
From: Herb Holeman <choleman@ptialaska.net>  
Subject: BA sightings Northwest  
Message-ID: <199606112219.0AA26953@ptialaska.net>

Just got back from the Northwestern Division ARRL Convention in Seaside, Oregon June 1st and 2nd. There was, of course, a flea market and it had a number of BA's for sale, as well as a fair amount of BA test equipment. I haven't attended a stateside flea market in at least six years, so it was a real treat to participate, even as a casual buyer and observer. I also had the pleasure of meeting Stan, W7NI, the Tektronix scope man. We spent some pleasant minutes conversing about BA's and scopes in particular. I would have liked to get out and see his shack, but maybe next trip.

Sightings, in no particular order:

Elmac AF-67, \$45. I really wish I could have carried this all the way home to Alaska. I had one in 1963 but it was destroyed in a house fire, along with a nearly new Drake 2-B. (Tear flowing down my cheek as I write this.) Brought back some fond recollections of great ragchews on 80 meter AM phone during my student years in Fairbanks.

Drake TR4C \$250 Pristine condition, but I think it was still there late Sunday. Another similar one got sold for a lesser price.

Swan 500 no price visible

Millen Grid Dip Oscillator, with nice case and coils, \$85

Heath SB-301, 401, and 630 all for \$175

Hammarhead HQ129X Receiver, looked good, \$135

National HRO-5A1, with 3 or 4 coils, #375

National NC300, (this is a large box!!) \$195

Echophone Commercial, \$75. I had never seen one of these before (I live a sheltered life here in Alaska), but it looked like an interesting late 1930's receiver.

Zenith Transoceanic w/wavemagnet, nice shape, couldn't see model #, \$125.

Viking Ranger I, very dirty, missing the crystal compartment cover/knob, \$100 but indicated some willingness to dicker. I was just curious--I already have one!

Viking Ranger I, somewhat better condition, no price visible.

Collins 30L1, \$500. Is that what they're going for now?? A good friend let one slip through his fingers for a lot less than that because he didn't feel like buying a new set of 811's. I know he had a nasty habit of leisurely adjusting his antenna tuner at full exciter output; 811's don't like that. Come to think of it, if he was such a good friend why didn't he offer it to me first? Ah, another one of life's unanswered questions.

Lots of miscellaneous H-P audio voltmeters, SWR meters, a 608D VHF sig gen, and the only thing that really tempted me--a model 431 microwave power meter minus the thermistor head. Everyone seemed to know the value of their gear, especially anything that resembled a telegraph key. The word seems to have gotten out to sellers that there are suckers who will spend big bux for even the most dilapidated sorry looking hand key. I didn't see one there for less than \$35, but I didn't notice anyone buying, either. I did find some nice prices on tubes--one dollar each for NOS in boxes was pretty standard for normal, non exotic thermionic valves, and I picked up a few spares for the old R-390 and even a 955 acorn for the Measurements Corp Megacycle Meter. I'm still scratching my head about one chap who was really proud of his collection of old corroded ratty RG-8 cables with assorted connectors on some of the ends--he wanted real money for these!

All in all, a very fun convention and best of all, a reunion with another old friend from high school days, Roy, W7EL, the expert on phased verticals, QRP CW rigs, and author of the EZNEC antenna modeling software.

de Herb Holeman, WL7BIL  
Juneau, Alaska

From boatanchors@theporch.com Tue Jun 11 19:28:59 1996  
From: Allen Tucholski <allent@en.com>  
Subject: Bendix Radio MN26LB Radio Compass Receiver  
Message-ID: <1.5.4.16.19960611181029.2b3f1f3c@en.com>

Hello all

I just picked up a mint condition Bendix Radio MN26LB Radio Compass Receiver. It covers 200 - 410 Kcs, 550 - 1200 Kcs and 2.9 - 6.0 Mhz

Looking for some information on hookup and operation.

The unit is has the 28 Volt Dyno built in.  
(even comes with a spare set of brushes for the motor generator)

I have a schematic for the MN-26-A and MN-26-C but not this 26LB.

What do I need to do to use this for a radio receiver?  
Are there any accessories available for this unit?  
How was this radio receiver used?  
(control plug in etc.)

Allen  
NASA Lewis Research Center  
Cleveland, Ohio

From boatanchors@theporch.com Tue Jun 11 19:28:59 1996  
From: Karan Lee Carruth <klccarru@tenet.edu>  
Subject: Box BX-49  
Message-ID: <Pine.OSF.3.91.960611153818.26603A-100000@alpha.tenet.edu>

I picked up a BX-49 recently. This is the box that holds 12 sets of crystals (one receive and one transmit per set), tank coils and antenna coils and one set of replacement tubes for the SCR-536 (BC-611). Does anyone know what twelve frequencies were supplied with these when they were issued?

Thanks for the help.

Lenox, WA50VG  
klccarru@tenet.edu

From boatanchors@theporch.com Tue Jun 11 09:53:35 1996  
Subject: Collins SM-2 & MM1 mics

Collins SM-2 mic in original box with original packing.  
Like new \$295



Collins MM-1 mic . excellent \$125.  
Collins 312B5 excellent condx. \$550  
ronfol@hilconet.com or (210) 896-8830

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Dick Dillman  
WPE2VT N6VS ex-WA2BJK  
<ddillman@igc.apc.org>  
Collector of Heavy Metal:  
Harleys, Willys and Radios Over 100lbs.

From boatanchors@theporch.com Tue Jun 11 19:28:59 1996  
From: "Barry L. Ornitz" <u856010@eastman.com>  
Subject: decibels  
Message-ID: <Pine.ULT.3.91.960611102325.247A-100000@dua150.kpt.emn.com>

Jim Garland, W8ZR, made a good point about decibels only applying to power ratios.

Decibels are also a good way to express a salary hike. For example, a 1 dB raise is the smallest you can get and see any noticeable difference in your available money. The national debt is also best expressed in decibels. This naturally falls out from Jim's discussion that decibels should only be used to express power ratios. [money=power!]

For those into transmission lines, an alternative unit is the Neper which uses Napierian or natural (base e) logarithms. Contrary to popular opinion, the unit was NOT named after the RCA dog! :-)

73, Barry L. Ornitz WA4VZQ ornitz@eastman.com

From boatanchors@theporch.com Tue Jun 11 19:28:59 1996  
From: Bill Sorsby <bill.sorsby@dlep1.itg.ti.com>  
Subject: Re: decibels  
Message-ID: <199606111717.MAA29781@dlep1.itg.ti.com>

At 09:52 AM 6/11/96 -0500, Barry Ornitz wrote:

>Decibels are also a good way to express a salary hike. For example, a 1  
>dB raise is the smallest you can get and see any noticeable difference in  
>your available money.

Huh? 1 dB corresponds to a 25% increase. Maybe 25% is needed for demographics changes but down here at the worker bee level it makes quite a

noticeable difference in my available money! (Especially since it represents about a 10 dB increase in available money after current obligations.)

BTW, since I haven't seen this posted:

1 dB = 25% increase in power  
3 dB = 100% or 2X increase in power  
10 dB = 10X

Regards,  
Bill Sorsby, N5BU

\*\*\*\*\*  
bill.sorsby@dlep1.itg.ti.com  
Views expressed herein are no one's fault but mine.  
\*\*\*\*\*

From boatanchors@theporch.com Tue Jun 11 19:28:59 1996  
From: Bob Burton <bburton@world.std.com>  
Subject: Drake C-Line Question  
Message-ID: <2.2.16.19960611184750.2e37584e@world.std.com>

Can someone please describe the proper way to connect a Torrestronics frequency display to a Drake C-Line?

During the early 1980s Torrestronics, Inc. in Ohio (?) offered a small frequency display that could be connected out-board to the C-Line, displaying the transmit (?) frequency of the VFO that was controlling the T-4XC. On the back of the Torrestronics display there are two female RCA-type plugs.

It's been years since I connected this device, and I can't remember the proper procedure. Any ideas?

My thanks in advance for your help.

Bob, W8WO

From boatanchors@theporch.com Tue Jun 11 09:53:35 1996  
Subject: Drake Station - MINT - \$395

One owner DRAKE station for sale:

Drake R-4 Receiver

Drake T-4 Reciter  
Drake AC-4 Power Supply  
Drake MS-4 Speaker

Equipment is in unmodified, original condition with complete manuals.

First \$395 FOB mid-Indiana.

W9HAJ

----- Forwarded message ends here -----

Dick Dillman  
WPE2VT N6VS ex-WA2BJK  
<ddillman@igc.apc.org>  
Collector of Heavy Metal:  
Harleys, Willys and Radios Over 100lbs.

From boatanchors@theporch.com Tue Jun 11 09:53:35 1996  
From: CADV16@aol.com  
Subject: Eimac 4CX1000A For Sale  
Message-ID: <960611010854\_132352795@emout10.mail.aol.com>

Have one used Eimac 4CX1000A power tetrode for sale. Tested good. Provides full output in my Collins 30S-1 amplifier. Asking \$100. You Pay Freight!  
Thank You!

Elliott Klein / KJ7KH

E-Mail: CADV16@AOL.COM

Phone: (602) 991-0575

From boatanchors@theporch.com Tue Jun 11 19:28:59 1996  
From: Bill Sorsby <bill.sorsby@dlep1.itg.ti.com>  
Subject: Elusive 7360  
Message-ID: <199606111731.MAA03579@dlep1.itg.ti.com>

Ordered one \$15 7360 from Fair shortly after receiving their catalog and was told the tubes were in stock. Received response yesterday that they would advise when more become available. Interestingly, Fair postdated the order form a week after I called in my order. Anybody have a similar experience?

Just missed some new \$2 or \$3 7360's at HamCom, along with several other popular tubes which had just been bought by a dealer. Oh well...

Regards,  
Bill Sorsby, N5BU

\*\*\*\*\*  
bill.sorsby@dlep1.itg.ti.com  
Views expressed herein are no one's fault but mine.  
\*\*\*\*\*

From boatanchors@theporch.com Tue Jun 11 23:24:13 1996  
From: "Gary E. Norman" <genorman@ix.netcom.com>  
Subject: Re: Elusive 7360  
Message-ID: <199606120307.UAA17575@dfw-ix2.ix.netcom.com>

I had a similar experience.

I tried to order two \$15 7360's from Fair on May 31 which was about a week after I received their catalog.

They told me at the time:

1. they would sell a maximum of two per order
2. there may or may not be any left when they processed my order depending upon incoming mail orders that day.
3. they had received several inquiries concerning purchases of large quantities of them.

Anyhow, I placed the order over the phone on 5/31, the invoice was dated 6/1, the balance of the order was shipped 6/6 with the 7360 listed as N/A, and I received everything but the 7360 on 6/11.

At least the 7360's in my Interceptor and Venus don't need replacing just yet.

Gary Norman, AB1I  
genorman@ix.netcom.com

From boatanchors@theporch.com Tue Jun 11 09:53:35 1996  
Subject: fs nation ncl2000

I have a good cond. ncl 2000 amp amp is full legal output 80-10 meters pair of 8122 tubes. \$500 can meet 200 mi radius se tennessee.

thanks

steve

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Dick Dillman  
WPE2VT N6VS ex-WA2BJK  
<ddillman@igc.apc.org>  
Collector of Heavy Metal:  
Harleys, Willys and Radios Over 100lbs.

From boatanchors@theporch.com Tue Jun 11 09:53:35 1996  
From: Philw7xk@aol.com  
Subject: FS National SW-3 coils  
Message-ID: <960611102616\_132527243@emout15.mail.aol.com>

Three homebrew sets for 20, 80 and 160 meters.  
Three original sets--two sets for 40 meters and one general coverage  
1500-2700 kc.

Will sell as package or as individual sets.

E-mail: philw7xk@aol.com

Thanks and 73 from Oregon,

Phil, w7xk

From boatanchors@theporch.com Tue Jun 11 23:24:13 1996  
Subject: FS: Heath SB102 80-10M Xcvt

Heath SB102 80-10M transceiver with HP 23A Power Supply, Speaker/PS  
Enclosure, Shure Microphone with all manuals. In good condition; all  
worked fine when last used.

\$190+shipping or make offer.

Craig Diserens WA5WGH (in San Jose, CA). E-mail to CDiserens@AOL.COM

----- Forwarded message ends here -----

Dick Dillman  
WPE2VT N6VS ex-WA2BJK

<ddillman@igc.apc.org>  
Collector of Heavy Metal:  
Harleys, Willys and Radios Over 100lbs.

From boatanchors@theporch.com Tue Jun 11 09:53:35 1996  
Subject: FS: Heathkit QF-1 Q-Multiplier

For Sale:

Early style, Heathkit Q-Multiplier model "QF-1", in untested condition.

Crinkle-grey finish, good cosmetic condition, complete with original octal plug and connecting "RCA" type connector.

Probably dates from late fifties / early sixties.

One little mark across top of crinkle finish box, otherwise mint.

Asking \$30

E-Mail: Richard.Links@ucop.edu

I'm in Berkeley, CA

----- Forwarded message ends here -----

Dick Dillman  
WPE2VT N6VS ex-WA2BJK  
<ddillman@igc.apc.org>  
Collector of Heavy Metal:  
Harleys, Willys and Radios Over 100lbs.

From boatanchors@theporch.com Tue Jun 11 23:24:13 1996  
Subject: FS: Drake T-4X Transmitter and Power Supply

For sale: Drake T-4X Transmitter, Power Supply and manual.  
Good condition; it works.

I ship COD cash-only to you for \$120.00

Mike N8MIB

----- Forwarded message ends here -----

Dick Dillman  
WPE2VT N6VS ex-WA2BJK  
<ddillman@igc.apc.org>  
Collector of Heavy Metal:  
Harleys, Willys and Radios Over 100lbs.

From boatanchors@theporch.com Tue Jun 11 09:53:35 1996  
Subject: FS:Drake R4 Receiver

I have for sale a Drake R4 Receiver for sale \$125 shipped.

E mail to: KE4AY@aol.com

73, Terry/KE4AY

----- Forwarded message ends here -----

Dick Dillman  
WPE2VT N6VS ex-WA2BJK  
<ddillman@igc.apc.org>  
Collector of Heavy Metal:  
Harleys, Willys and Radios Over 100lbs.

From boatanchors@theporch.com Tue Jun 11 09:53:35 1996  
From: "Dick Dillman" <ddillman@igc.apc.org>  
Subject: Fwd: Collins SM-2 & MM1 mics  
Message-ID: <85249.ddillman@igc.apc.org>

\*NOTE\* The message below is a re-post from rec.radio.swap. All  
replies must go to the person making the post, not me.

----- Forwarded message begins here -----

From: Ron Follmar <ronfol@hilconet.com >  
Newsgroups: usenet.rec.radio.swap  
From boatanchors@theporch.com Tue Jun 11 09:53:35 1996  
From: "Dick Dillman" <ddillman@igc.apc.org>  
Subject: Fwd: Drake Station - MINT - \$395  
Message-ID: <85234.ddillman@igc.apc.org>

\*NOTE\* The message below is a re-post from rec.radio.swap. All  
replies must go to the person making the post, not me.

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From: lneuzer@holli.com <lneuzer@holli.com>  
Newsgroups: usenet.rec.radio.swap  
From: boatanchors@theporch.com Tue Jun 11 09:53:35 1996  
From: "Dick Dillman" <ddillman@igc.apc.org>  
Subject: Fwd: fs nation ncl2000  
Message-ID: <85224.ddillman@igc.apc.org>

\*NOTE\* The message below is a re-post from rec.radio.swap. All replies must go to the person making the post, not me.

----- Forwarded message begins here -----

From: 616@earthlink.net <616@earthlink.net>  
Newsgroups: usenet.rec.radio.swap  
From: boatanchors@theporch.com Tue Jun 11 23:24:13 1996  
From: "Dick Dillman" <ddillman@igc.apc.org>  
Subject: Fwd: FS: Heath SB102 80-10M Xcvt  
Message-ID: <79713.ddillman@igc.apc.org>

\*NOTE\* The message below is a re-post from rec.radio.swap. All replies must go to the person making the post, not me.

----- Forwarded message begins here -----

From: CDiserens <cdiserens@aol.com >  
Newsgroups: usenet.rec.radio.swap  
From: boatanchors@theporch.com Tue Jun 11 09:53:35 1996  
From: "Dick Dillman" <ddillman@igc.apc.org>  
Subject: Fwd: FS: Heathkit QF-1 Q-Multiplier  
Message-ID: <85244.ddillman@igc.apc.org>

\*NOTE\* The message below is a re-post from rec.radio.swap. All replies must go to the person making the post, not me.

----- Forwarded message begins here -----

From: Richard Links <issrz1@ucop.edu >  
Newsgroups: usenet.rec.radio.swap  
From: boatanchors@theporch.com Tue Jun 11 23:24:13 1996  
From: "Dick Dillman" <ddillman@igc.apc.org>  
Subject: Fwd: FS: Drake T-4X Transmitter and Power Supply  
Message-ID: <79717.ddillman@igc.apc.org>



\*NOTE\* The message below is a re-post from rec.radio.swap. All replies must go to the person making the post, not me.

----- Forwarded message begins here -----

From: Michael Docy <mikedocy@netcom.com >  
Newsgroups: usenet.rec.radio.swap  
From: boatanchors@theporch.com Tue Jun 11 09:53:35 1996  
From: "Dick Dillman" <ddillman@igc.apc.org>  
Subject: Fwd: FS:Drake R4 Receiver  
Message-ID: <85254.ddillman@igc.apc.org>

\*NOTE\* The message below is a re-post from rec.radio.swap. All replies must go to the person making the post, not me.

----- Forwarded message begins here -----

From: KE4AY <ke4ay@aol.com >  
Newsgroups: usenet.rec.radio.swap  
From: boatanchors@theporch.com Tue Jun 11 09:53:35 1996  
From: "Dick Dillman" <ddillman@igc.apc.org>  
Subject: Fwd: Heath SB200 AMP - MINT - \$350  
Message-ID: <85229.ddillman@igc.apc.org>

\*NOTE\* The message below is a re-post from rec.radio.swap. All replies must go to the person making the post, not me.

----- Forwarded message begins here -----

From: lneuzer@holli.com <lneuzer@holli.com>  
Newsgroups: usenet.rec.radio.swap  
From: boatanchors@theporch.com Tue Jun 11 23:24:13 1996  
From: "Sandy, W5TVW" <70401.134@CompuServe.COM>  
Subject: H-P generators  
Message-ID: <960612020054\_70401.134\_IHD142-1@CompuServe.COM>

Last call! I have two anchors in my garage that are under foot! I have NO used for them, unless they are reduced to parts!

Hewlett-Packard 614A RF Generator, microvolt dial, covers 780-2100 Mhz. Last time I plugged it in, it DID work! Also one Hewlett-Packard 616A RF Generator, same specs as previous but covers 1750-4400 Mhz. This one has a bad power transformer.

Presently missing all the "normal" tubes. Whatever is in the RF cavities is

I have NO MANUALS. Preferably PICK-UP only. You come and get 'em and you can have them both for \$30. If I gotta pack and ship them, the price DOUBLES plus shipping and packing expenses. OR maybe you have something to trade for the two of them? Gotta make room!

Boat Anchors collected, restored, modified, traded and used!

In original, unmodified condition, with manual  
One owner - very low hours  
\$350 plus shipping from mid-Indiana  
W9HAJ

Dick Dillman  
WPE2VT N6VS ex-WA2BJK  
<ddillman@igc.apc.org>  
Collector of Heavy Metal:  
Harleys, Willys and Radios Over 100lbs.

Gary H. Harmon, Jr., K5JWK gharmon@txdirect.net  
6302 Robin Forest K5JWK@K3WGF.EL09TN.#SAT.TX.USA.NOAM

San Antonio, TX 78239

(210) 657-1549

From boatanchors@theporch.com Tue Jun 11 23:24:13 1996  
From: "David L. Thompson" <thompson@mindspring.com>  
Subject: Help for a blind SWL/BAer  
Message-ID: <199606112333.TAA23715@borg.mindspring.com>

Please help this guy if you can...

I have a Pearce-Simpson Newport-D for sale in excellent condition. This unit has LW labeled "beacons" covering from 150-400 KHz; MW broadcast, 535-1605KHz; and "Marine" from 1600-3900KHz. It has a large ferrite bar antenna on top with a motor-driven rotor, a dial light, and side-band with BFO. It runs on 12V power via 8 C cells, or 12V external via a three-pin connector. Unit is labeled, Pearce-Simpson, Division of Gladding Corporation; serial number 01810068.

Not knowing a whole lot about the model, except that it works and is quite sensitive and selective on the Broadcast band, and that it was designed as a ship's receiver and beacon finder, I'm not sure what to ask for it.

My note: it covers up to 3.9Mhz including 3885.

Make a serious offer, or consider it as trade bait toward a working Panasonic RF-3100 receiver, or similar model from other manufacturer in good cosmetic and excellent working condition.

There's nothing wrong with the Newport-D that a little shot of tuner/contact cleaner won't fix.

Contact me via E-mail

brent.reynolds@swsbbs.com or phone in Atlanta, the Olympic City, at 404-814-0768.

Thanks.

Brent

PLEASE CONTACT HIM NOT ME..Dave K4JRB

From boatanchors@theporch.com Tue Jun 11 19:28:59 1996  
From: "Nagle, Timothy E EA" <Nagle@P03.EA.unisys.com>  
Subject: Help: My CW sounds like a chicken!  
Message-ID: <31BDD9A8@po5.cp.unisys.com>

Dear All,

The other day I thought I would load up my "new" Drake T-4XC and give my friend a call on 40M. We decided to coordinate our efforts over 2M. Well, I send out "KG0KD de KB0QOM" when all of a sudden my 2M erupts in gales of laughter. He told me that my tone sounded like a chicken ... "Braap Bra Braap"!

I went through my tuning procedures several times, checked my antenna loading, and even reduced power. If anyone has any ideas on where to start looking I'd appreciate hearing from you. In the meantime, if you are ever slumming down in the Novice portion of 40M and hear what sounds like Sunday's dinner, give me a holler.

Braaap Braaap Bra Bra Bra            Bra Bra Bra Braaap Braaap,  
Tim  
KB0QOM  
nagle@po3.ea.unisys.com

From boatanchors@theporch.com Tue Jun 11 09:53:35 1996  
From: christopher.demeroukas@accessil.com  
Subject: HP 250A  
Message-ID: <9606110843.0C9N000@accessil.com>

Hello BAers:

WANTED: HP 250A R-X Bridge (BA equipment for fixing BA rigs).

Thanks.

Chris

08:26 CDT 6/11/96

christopher.demeroukas@accessil.com

From boatanchors@theporch.com Tue Jun 11 09:53:35 1996  
From: howellh@winthrop.edu  
Subject: HX-10  
Message-ID: <96061023383720@winthrop.edu>

WINTHROP UNIVERSITY

Electronic Mail Message  
Date: 10-Jun-1996 11:35pm EDT  
From: Haney Howell  
HOWELLH  
Dept: Mass Communication  
Tel No: 323-4534

TO: Remote Addressee ( \_smtp%"boatanchors@theporch.com" )

Subject: HX-10

Finally made it to the NYC area and picked up a free HX-10. Little dusty from storage, a spot or two of house paint on the cabinet, but otherwise looks good. Would you believe that this gift horse didn't come with a manual? Does anyone have one gathering dust?

Haney <howellh@winthrop.edu> no2n

From boatanchors@theporch.com Tue Jun 11 23:24:13 1996  
Message-Id: <199606120006.RAA00261@dfw-ix12.ix.netcom.com>  
From: paulm@ix.netcom.com (PAUL MIDDLETON)  
Subject: Kenwood

This is multipart MIME message.

--gdetvvjnwumioijktrvogbwlfltulv  
Content-Type:text/plain; charset=US-ASCII; name="NCZ2639.TMP"

Dear Jack,

Thank you for your e-mail message.

Kenwood is concerned about the future of Amateur Radio.

Here is our official position.



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--gdetvvjnwumioijktrivogbw1fltu1v--

-----62521D06250B--

From boatanchors@theporch.com Tue Jun 11 23:24:13 1996  
From: "F r6fqHo!ht" <75121.100@CompuServe.COM>  
Subject: MacKay radio  
Message-ID: <960612015633\_75121.100\_FHI61-1@CompuServe.COM>

Gang, found a MacKay transmitter model 304 (or 304A, lost my notes)  
emergency transmitter. CW and voice. I guess it is an emergency transmitter?  
Its yellow and in a waterproof box. Anyone know anything about this? Is it  
worth anything? It has a key built- in. Maybe its not even a Boatanchor,  
since it floats <g>

Whats it good for? One of the switches says 2182 (which is the emergency  
freq) and another 8 meg freq. Can it be used elsewhere, possibly on 40 meters  
with a little re-work?

Anyone interested?

Regards from Hawaii,  
Raymond J. Cote

From boatanchors@theporch.com Tue Jun 11 19:28:59 1996  
From: "Gary H. Harmon, Jr." <gharmon@txdirect.net>  
Subject: Microphones  
Message-ID: <199606112331.SAA28491@legend.txdirect.net>

Yo mike experts! Might you shed some light on 3 mikes I picked up Sunday?

1. Astatic DN-500, grey hammertone body with chrome front, fastens to a UG stand.
2. Radio Shack 33-905 dynamic, stainless steel, looks like a small broadcast mike.
3. Turner S3D (?) dynamic, heavy with large fins in the front.

All comments gratefully accepted.

Thanks and 73,

gary

<<<<<<<<<<< T00 many projects, NOT enough time! >>>>>>>>>>>>

Gary H. Harmon, Jr., K5JWK gharmon@txdirect.net  
6302 Robin Forest K5JWK@K3WGF.EL09TN.#SAT.TX.USA.NOAM  
San Antonio, TX 78239 (210) 657-1549

From boatanchors@theporch.com Tue Jun 11 19:28:59 1996  
From: rdkeys@csemail.cropsci.ncsu.edu  
Subject: More BA antenna thoughts for Military gear  
Message-ID: <9606111636.AA104497@csemail.cropsci.ncsu.edu>

```
> Hi Bob,  
> I was digesting your excellent post on BA antennas and I wonder what you
```



> meant here...

TNX, hope the information is useful to folks and I am not spinning me wheels in all directions at once. If I am boring folks, someone holler.

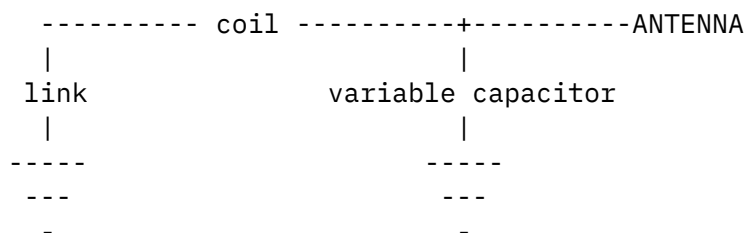
> "Coax and end fed odd multiples of a 1/4 wave were are low impedance and  
> require series feed, even on the TCS and BC-375 with their fancy built-in  
> tuners."

I will make this a generic post because others may be interested in this kind of thing with their BA antennas (are there any other?????).

\*\*\*\*\*

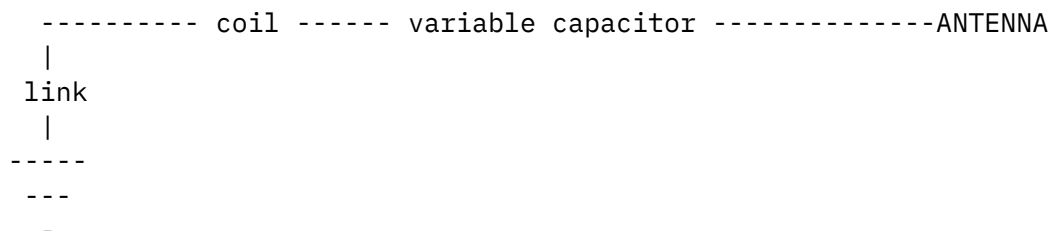
Basically, there are two generally used link or pi-net coupled antenna tuning systems --- high impedance or low impedance, in classical BA military equipment, and many period ham classics.....

1. High impedance --- based upon ``L'' network tank circuit.



Notice that there is a tuned tank circuit from ground through the link coil through the main coil through the variable capacitor and back to ground. At the junction where the antenna is attached is a voltage maximum current minimum. Thus high impedance antennas may be voltage fed there with good matching. Such antennas are even numbers of 1/4 wave long, such as 2/4, 4/4, 6/4, 8/4, etc.

2. Low impedance --- based upon classic series tuned network (not really its own tank circuit without antenna attached).



Notice that there is a tuned tank circuit from ground through the link coil through the main coil through the variable capacitor through the antenna and its capacitance to ground. At the near end of the antenna is a voltage minimum current maximum. Thus low impedance antennas may be current fed there with good matching. Such antennas are odd numbers of  $1/4$  wave long, such as  $1/4$ ,  $3/4$ ,  $5/4$ ,  $7/4$ , etc.

Most military gear for small antennas such as the TCS, or ARC-5 or related gear designed for ``fish pole'' or aircraft antennas will have some means of accomplishing No. 2, above.

Most military gear designed for general use or ground use or shipboard use where longer antennas, typically a half wave can be used, will have both No. 1 and No. 2, above. The TCS has both a SERIES and a PARALLEL position of its antenna tuning switch. In the SERIES position, it is No. 2, and in the PARALLEL position it is No. 1. In the BC-191 and BC-375, there are four positions of the antenna network switch. Position 1 is PARALLEL and 2 is SERIES, if I am remembering correctly off the top of my head.

Some gear, such as the ART-13 are capable of both, but require an external ``loading'' capacitor to provide the missing antenna tuning networks (remember the outboard clipper antenna tuning capacitors that mount on the little aluminum plate next to the antenna terminal on the ART-13 --- typically 50 or 100 pf HV caps with binding post terminals). These capacitors provide the shunt capacitance to make the ART-13 ``L section'' of the antenna tuning system (it actually completes the total system into a classical Art Collins PI-network at that point). The transmitter on the SCR-506 is done the same way, if used for long antennas instead of the vehicular fishpole antenna.

> Did you mean that we should use the series connection as offered by the rig  
> by itself or should we use the series connection and add more capacitance in  
> series externally?

It really does not matter as long as the series connection has a link (if used) a coil and a capacitor in series to the antenna. (The capacitor on the output side is not shunted to ground). If you add capacitance to an already series built-in capacitor, you are actually reducing the capacity somewhat, unless you swamp it with a HUGE amount like 0.001 uf or such. Adding 500pf on the output of the existing 400pf cap makes it about 225pf in practice if my headbone math is right.

In typical ARC-5 gear, the link and the roller inductor are there, and the antenna relay box contained the series/shunt capacitors (remember those glass things on the back underside of the antenna relay box?).

In typical non-aircraft gear (and some vehicular gear may also be without the series capacitances if designed only for short whip antennas), for example the BC-191/BC-375 non AA models (all the usual ones with the built-in antenna tuning systems) or the TCS (with its very wide-range antenna coupling system) or most Navy shipboard gear designed to use the standard 100 foot or so ship antenna on HF, the antenna tuning systems will almost always include the link, the coil AND the capacitor. Thus all that needs to be done is to properly switch the coil and capacitor to SERIES for low impedance feeds or PARALLEL (shunt feed or L-network) for high impedance feeds, to almost any sort of antenna you can imagine.

In the BC-610, the outboard antenna tuner accomplished the task of mating to shorter antennas, and the tuners used for twin-line feed on the special models did the same thing for higher impedance antennas. The TMC gear used this also. Hallicrafters may have had this feature in its last tuners (don't remember for sure). The normal BC-939's were strictly for lower impedance antennas, and had the series glass caps built into the tuner, although there is enough range to usually make them work high impedance fairly well. I did put a shunt cap on mine for high impedance feeds, and that worked well.

> I am assuming you are suggesting just using the series  
> position on the rig, but I wanna make sure. I noticed the winter that I  
> could get an additional 10 to 15 watts from the TCS on 160 by adding a 500  
> pF cap in parallel.

There is a 400pf already there on the TCS, if it is set in the parallel antenna network position. You probably were using it in series mode and then adding the parallel capacitance. That is fine, and will sometimes give additional antenna tuning range, depending upon how intermediate the impedance is (not strictly high or strictly low). Commercial shipboard gear uses this technique in many of its transmitter output circuits from the WWII through the 1980's era. Both Radiomarine and Mackay used it. It works very well and provides some additional harmonic attenuation.

> Both the TCS and the ARC-5 don't seem to be especially  
> efficient transmitters as mine here strain to get 50% of the input into the  
> wire. You gotta remember what these were designed for though .... I am sure  
> that 15 watts of AM was twice what was needed to talk around a squadron of  
> PT boats or aircraft. I am assuming that minimum coupling on the TCS is with  
> the variable link in the loading coil at right angles to the fixed coil.

They are relatively efficient if the tuning coupling to the antenna is set correctly. On 80 meters, for a 1/4 wave antenna about 100 pf is required as a series capacitance. I use one of the tub micas typically

found in the BC-375 tuning units (remember not to strip good ones!). For a 1/2 wave antenna, shunt it to ground on from the antenna post. Tune the coil to resonance as indicated by max out on a field strength meter. The tuning will be quite sharp then. Efficiency on old military gear is usually about 50-60%, and no more. That is fine. If you get 50%, you are doing great!

That is correct. Minimum coupling occurs when the link is at a 90 degree angle to the main coil. Maximum coupling occurs when the link is at a 0 degree angle to the main coil. If it deviates from this the knob may be off position (a common occurrence on TCS gear, for example).

> I have tried using less coupling, but the max power for most situations occur  
> with the loading coil centered in the form. If I simulate a really reactive  
> load with the antenna tuner, then I can get a peak off center ( 45 to 60  
> degrees or so) but most resistive looking antennas want the loading maxed  
> out. Tuning seems to be relatively sharp with a noticeable power drop on 80  
> with a 40 KHz or so QSY.

Yes, the tuning will be sharp, because the entire antenna tuning system is actually ``tuned'' to resonance as a tank circuit. Thus, even a few pf off resonance either by capacitor or mis-adjusting the link, will cause the system to shift tuning point slightly. The sharp tuning is an indicator of a good tuning system --- high Q --- desirable.

As loading increases, the tuning will become broader. That is fine. If you lose the peak, then something else is wrong tho.

> Also, any ideas for other decent FD antennas for the TCS?

My experiences with several different TCS systems would indicate that an inverted L is a good antenna provided it is 3/4 wave long such that a low impedance feed is had at the transmitter. That, for me, has always worked best. On 40 meters, you might try a 33 foot whip vertical (again a low impedance 1/4 wave vertical). The combination of the two (vertical for low-angle long skip and the L for east coast corridor propagation are very effective for FD antenna setups, and should make your TCS quite happy for FD operations. On 80 meters, a 66 foot vertical will work fine. Series feed it for proper matching.

> Thanks and 73,  
> ZUT!  
> Conard, ws4s

73/ZUT DE NA4G/Bob

....still painting, prepping, and polishing for FD on the fantail of the ``Showboat'', BB55, USS North Carolina. We had to paint all our

tent poles battleship gray! Oh, well.....

From boatanchors@theporch.com Tue Jun 11 09:53:35 1996

From: "Richard A. George" <wa6jox@rain.org>

Subject: more tubes dug out

Message-ID: <Pine.SUN.3.93.960610195339.15652A-100000@coyote.rain.org>

Didn't have much time tonight but got one more lot of tubes ready to ship out. They are all untested and sold as is in one lot only. They include the following.

80, 326, 30, 15, 201a 2ea, 24, 224 2ea, 5u4, 6ca7, 6al5 3 ea, 6an8, 35L6, 6k6, 5670 5 ea, 5763 4 ea, 5654 8 ea, 8532 3 ea, 9006, 807 4 ea.

open to the best offer and i will pay shipping CONUSA. please reply e-mail direct. Thank you

From boatanchors@theporch.com Tue Jun 11 09:53:35 1996

From: Cal Eustaquio N6KYR <ceustaqu@dot.w6bhz.calpoly.edu>

Subject: Needed:comments on the EFJ hardware

Message-ID: <Pine.SUN.3.91.960611035645.8428E-100000@dot.w6bhz.calpoly.edu>

Hi:

If you ordered any of the hardware for the Rangers and Valiants from me, I would like to hear any comments you may have. This is an experimental venture that I thought I'd try out and help out the EFJ BA community. Additionally, I will use this to consider if I ought to continue on with my PTT for the Ranger kit venture. I did receive the preliminary order of relays to use in the kit and will field test a sample in my Ranger 2. Target date of sale will probably be about mid July (just got orders to Ft. Benning, GA for Airborne training). Thanks to all who ordered and to those who showed extreme patience with me while I'm getting all these orders off the ground. Cal.

From boatanchors@theporch.com Tue Jun 11 19:28:59 1996

From: Jack Harper <jharper@bs2000.com>

Subject: R390 Meters?

Message-ID: <199606112043.0AA10372@lynx.csn.net>

I am lusting after an R-390A receiver in the "Fair Radio Sales" catalog and have noticed that the units apparently are shipped without the two meters -- also, I have noticed ads for R-390s on the Internet that also mention "No Meters".

Whats the deal about the meters. Why are they not there? It must be a conspiracy of some kind...

Are such meters (original) difficult to find?

Thanks for all replies...

Regards to all

Jack, KC0LR (Friend to all things Hammarlund)

-----  
Jack Harper  
e-mail: jharper@bs2000.com  
voice: 303-277-1892 fax: 303-277-1785  
Bank Systems 2000, Inc.  
350 Indiana Street, Suite 350  
Golden, Colorado 80401 USA

"21st Century Financial Applications"  
Optical Cards for Bank, EBT, and Medical Applications  
Visit our Web Page: <http://www.bs2000.com/talos>  
-----

From boatanchors@theporch.com Tue Jun 11 19:28:59 1996  
From: "Lahlum-FLR111 Ross" <ross\_lahlum@msmail.wes.mot.com>  
Subject: RE: R390 Meters?  
Message-ID: <9606112226.AA29890@kay.wes.mot.com>

Jack,

Being ever vigilant for the safety of its citizens, our government removed the meters for many of these radios before they put them on the surplus market because they are

----  
 \ /  
 \/  
  
| \ RADIOACTIVE / |  
| \ !!!! / |  
| / \ |  
|/ \ |

That's right, they contain a tiny amount of a radium compound to help them glow in the dark. There is probably quite a stockpile of them in a salt cave

somewhere in the southwestern US. Maybe somebody will find them some day & go looking for the radios they belonged to! R390A's which do have their meters command a higher price due to their rarity. Good luck...

73,  
Ross KB9JJR

---

I am lusting after an R-390A receiver in the "Fair Radio Sales" catalog and have noticed that the units apparently are shipped without the two meters -- also, I have noticed ads for R-390s on the Internet that also mention "No Meters".

Whats the deal about the meters. Why are they not there? It must be a conspiracy of some kind...

Are such meters (original) difficult to find?

Thanks for all replies...

Regards to all

Jack, KC0LR (Friend to all things Hammarlund)

---

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"21st Century Financial Applications"  
Optical Cards for Bank, EBT, and Medical Applications  
Visit our Web Page: <http://www.bs2000.com/talos>

---

From boatanchors@theporch.com Tue Jun 11 23:24:13 1996  
From: Gary Pewitt <gpewitt@execpc.com>  
Subject: RE: R390 Meters?  
Message-ID: <Pine.SOL.3.91.960611201233.26565E-100000@earth>

On Tue, 11 Jun 1996, Lahlum-FLR111 Ross wrote:

> Jack,

>  
> Whats the deal about the meters. Why are they not there? It must be a  
> conspiracy of some kind...  
>  
> Are such meters (original) difficult to find?  
>  
My R390 and R390A both have original meters and they do not glow in  
the dark. I feel deprived. What's the story on the wimpy ecologically  
correct meters? Who do I blame? Green peace? Ralph Nader?  
I want my gamma rays.  
Got any tritium paint?  
73 Gary N9ZSV  
> -----  
>  
>  
>  
>  
>

From boatanchors@theporch.com Tue Jun 11 23:24:13 1996  
From: bachmann@ari.net  
Subject: SP-600 JX-17  
Message-ID: <199606120247.WAA17352@mtolympus.ari.net>

Gang,

When I set the IF bandwidth on a recently acquired SP-600 JX-17 to  
the crystal settings, .2, .5 or 1.3, I find that normal shortwave stations  
are still very readable. You can tell that the filter becomes  
progressively narrower, but you can hear the audio quite plainly, even on  
the .2 setting. The phasing seems to affect the volume more than the  
bandwidth. I expected AM broadcast audio would become unreadable on the  
200 Hz setting.

I've never had a tube radio with a crystal filter in the IF before  
and I wasn't sure if the 200 Hz was optimistic or if it had gradual falloff  
on the skirts, or if the ultimate rejection on the filter was just high.  
Is this normal, or is there something amiss in the crystal filter?

Any insight would be greatly appreciated.

Tnx and 73,  
Rich Bachmann  
N3SLR

From boatanchors@theporch.com Tue Jun 11 23:24:13 1996  
From: "Benjamin D. Hall" <bdhall@ghgcorp.com>  
Subject: Re: SP-600 JX-17



Message-ID: <31BE3A69.4D23@ghgcorp.com>

bachmann@ari.net wrote:

>

> Gang,

> When I set the IF bandwidth on a recently acquired SP-600 JX-17 to  
> the crystal settings, .2, .5 or 1.3, I find that normal shortwave stations  
> are still very readable. You can tell that the filter becomes  
> progressively narrower, but you can hear the audio quite plainly, even on  
> the .2 setting. The phasing seems to affect the volume more than the  
> bandwidth. I expected AM broadcast audio would become unreadable on the  
> 200 Hz setting.

My JX-17 seems to do the same thing, except you must be right smack dab on the frequency to hear the voice on the 0.2 setting. The frequency range is very, very limited on 0.2 but the voice is very, very clear! Any other JX-17 owners want to comment?

I know something in that area on my set is amiss, the 8 setting sounds much wider than the 13 setting to my ears. I suspect a partially open inductor or dirty contacts in T4, has anyone encountered this before in crystal filters on SP-600's?

Can anyone tell me the differences between the different JX models? How close electrically are JX14's, 17's, and 21's to each other? Just curious...

The consensus on the dial lock / IF tuning question is that JX-17's were made both ways. Some folks had dial locks, others have IF Gain Controls. I am going to get back to all who wrote when I have time, so y'all who wrote will be hearing back from me. Thanks to all who wrote.

Perhaps I'll start a serial number / features index for SP-600's?

Thanks and 73,

Ben

--

```
=====
+ Benjamin D. Hall, Houston Texas +
+ BDHall@GHGCorp.com BHall@GP802.JSC.NASA.gov +
=====
```

From boatanchors@theporch.com Tue Jun 11 19:28:59 1996

From: Charles Mann <mannnc@idirect.com>

Subject: SWL radio survey

Message-ID: <199606112208.SAA03419@lucid.idirect.com>

Jeez.....I thought I might save myself expense and the aggravation of buying up every grubby, tar stained, punched-out, beat up, cat urinated BA at all the local hamfests.....

AND Jack, I have to report that this list is comprised of a ZILLION closet solid state receiver owners!!!

Seriously, it looks like the best BA candidates for dial accuracy and stability are:

Collins 51s-1

halli SX-100

That goldarned R390 stuff keeps on showing up! BTW do these things have a product detector?

What about you SP-600 owners out there.....is it too embarassing to talk about?

Charles.

From boatanchors@theporch.com Tue Jun 11 19:28:59 1996  
From: "Joseph W. Pinner" <kc5ijd@dns1.net-connect.net>  
Subject: SWL radio survey  
Message-ID: <199606112309.SAA14081@dns1.net-connect.net>

I would add another vote for the 51S-1 - really do like mine, and the HQ-180 (mine is in need to serious work - one of those projects I will get around too one of these days).

Also, a 51J-4 with an HC-10 is a great combination as well.

73

Joseph W Pinner  
Lafayette, LA  
KC5IJD  
EMail: kc5ijd@net-connect.net or kc5ijd@aol.com

From boatanchors@theporch.com Tue Jun 11 23:24:13 1996  
From: MODSTEPH@ACS.EKU.EDU  
Subject: Re: SWL radio survey

Message-ID: <01I5SQ44JDG000083Q@ACS.EKU.EDU>

.. I think either the Hammarlund HQ-180 or HQ-145 would be better than the SX-100. I have owned all of the above (and still have the SX-100), and the Hammarlund gear is more stable and (in the case of the HQ-80/150/140) has much better bandspread, using six bands where the Hallicrafters has only four.

Since no one apparently mentioned it...

And if you want to have the frequency accuracy of the 390/A you also have with it a lot of dial cranking for any major change of frequency...

73, Al N5AIT  
modsteph@acs.eku.edu

From boatanchors@theporch.com Tue Jun 11 23:24:13 1996  
From: Bob Roehrig <broehrig@admin.aurora.edu>  
Subject: Re: SWL radio survey  
Message-ID: <Pine.ULT.3.91.960611222017.19308B-1000000@admin.aurora.edu>

On Tue, 11 Jun 1996, Charles Mann wrote:

> Jeez.....I thought I might save myself expense and the aggravation of  
> buying up every grubby, tar stained, punched-out, beat up, cat urinated BA  
> at all the local hamfests.....

> What about you SP-600 owners out there.....is it too embarrassing to talk  
> about?

No, I wouldn't say embarrassing. I have a SP-600 and I think it's great. Stability & sensitivity is good. Dial accuracy, as well as you can read it is also good. The main thing I don't like about it is lack of bandspread. One dial reads the frequency and the other is a logging scale. Both are geared together - not separate controls. If you want to know the exact frequency that radio goo-goo land is on, you cannot guess within 1 KC but at least you will be able to find it again. In spite of the lack of bandspread, it's one of my favorites. No, it doesn't have a product detector, but there is one stage in there just aching to be converted into one. It's easy and it works great.

E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI  
CIS: Data / Telecom Aurora University, Aurora, IL

From boatanchors@theporch.com Tue Jun 11 09:53:35 1996  
From: Rick Blank <rblank@legend.txdirect.net>  
Subject: Re: SWL radio survey and latest stuff around here  
Message-ID: <1.5.4.32.19960611042532.006a706c@txdirect.net>

>My thanks to everyone who responded, FYI here are the results of the voting:  
>R390A.....2  
>HQ-180.....3  
>51S1.....2  
>Someone also suggested a TMC GPR-90.  
>Maybe a new super-cool solid state, like the JRC or Drake should be looked  
>Charles.

If these were the choices that I had to choose from, I would probably choose the 390A...if this is to be used by someone who wants to know where he is on the bands, SW BC as well as Ham, then the Collins rigs are the way to go....the 51S-1 is pretty blanded expensive today and 390's and 390A's can be had for less...of course, they ARE HEAVY and take up more room. Drake also made an SW-4 and a DSR-1 but I rarely see those. The R-4 would be a good candidate, but, it's kinda slow going across the SWBC segments....

The GPR-90 is a good radio, but, suffers from the same malady as all bandspread rigs, where the heck are you when you are listening to SW?

Now, don't get me wrong, I do like a lot of different radios and I will tune across the SW BC bands with a bandspread rig, but, when I tune in a station with a Collins (or a Drake R-4 series) I can look up who is using that frequency at that time and figure out who it is that is transmitting.

Newest old rigs around here are a couple of Hallicrafters, an SX-100 Mk2 and an HT-37....the 37 was given to me (that's the best way to get a rig!) and looks pretty good but needs a knob for the audio gain and the proper knobs for the phasing controls. The guy who gave it to me has an HQ-100 that needs an alignment, so, I told him (after he already gave me the xmitr) that I would gladly align his Hammarlund in trade...he was also given the HT-37, so, that seems like a fair deal to him, he hasn't been able to get any of the current crop of ham radio techs at the local ham store to take care of it for him...

The SX-100 is real pretty, at least an original 9+, and will replace the Mk 1 I already

had that is about an 7.5 to 8. The alignment could use just a tweak to bring it right up into line...it's fairly accurate in it's dial calibration and is pretty darn stable...

I had it on a traders net on Sunday and the only reason I had to adjust the pitch

control was because not everyone was on the same frequency...a fine performer, I guess now I need an HT-30 and an HT-31 to complete this station, huh? It also sounds real nice on SWBC stations...the five steps of selectivity are a nice

touch...the notch filter also works pretty well, too.

I have a deal working on one of the bastardized 51S-1's that LingTemcoVought modified for airbourne use, if I remember correctly, and an HF-380...kinda glad that

a deal I had working on a Cubic Astro 103 fell thru! The prices are real reasonable

on these pieces...if the deal on the 380 comes thru and I like it, I'll probably get

rid of the last Japanese non-BA transceiver around here, the FT-990....

Didn't someone on this list recently acquire one of the LTV radios recently? If so, are there any foibles about this radio I need to know?

CU Later

Rick Blank, KI5SL  
2223 Blanco Road  
San Antonio, Texas 78212

rblank@txdirect.net  
KI5SL@K3WGF.STX.USA.NOAM  
AMSAT NA#26195

From boatanchors@theporch.com Tue Jun 11 09:53:35 1996

From: provero@connix.com

Subject: Re: SWL radio survey and latest stuff around here

Message-ID: <199606111211.IAA11054@comet.connix.com>

In <1.5.4.32.19960611042532.006a706c@txdirect.net>, on 06/10/96 at 11:25 PM,

Rick Blank <rblank@legend.txdirect.net> said:

>The GPR-90 is a good radio, but, suffers from the same malady as all  
>bandspread rigs, where the heck are you when you are listening to SW?

I use a 50+ year old Hammarlund SP-210 LX. When set to 10 MHz WWV the main dial is right on. The bandspread scale (0-100) then corresponds precisely to 10 KHz per division over the 9.4-10.0 MHz SW broadcast band. Want RAI on 9.675? Dial 67.5 on the BS. Want BBC on 9.915? Dial 91.5 on

BS. Absolutely uncanny.....

And on a reasonably clear channel, the SP-210 sounds better than the other boatanchor military sets and sand-state gear in the shack.

P.J. "Josh" Rovero	email: pjr@ocean-surveys.com
Ocean Surveys, Inc.	www: http://www.ocean-surveys.com 91
Sheffield Street	vox: (860)388-4631
Old Saybrook, CT 06475	fax: (860)388-5879

From boatanchors@theporch.com Tue Jun 11 23:24:13 1996  
From: Gary Pewitt <gpewitt@execpc.com>  
Subject: Re: SWL radio swap  
Message-ID: <Pine.SOL.3.91.960611194853.26565D-100000@earth>

>  
> What about you SP-600 owners out there.....is it too embarrassing to talk  
> about?  
>  
> Charles.  
>

My SP-600 JX-14 is the smoothest tuning radio I have ever used. The R390 and 390A are very stable but all those 30 bands are somewhat of a pain. I end up using my R388 most of the time but if I could find some more coil sets for my HRO-60 I think it would be the champ. I had a friend over the other night trying out most of the radios and he liked the National NC190 best. The Drake 2B is a lot of fun too. If it wasn't such a hassle hooking up the power supply to the R392 every time it would score higher. The HQ-180 now that it has a real Hammarlund speaker sounds a lot better than it ever did with a Rat shack box. The HQ170 being ham band only suffers a handicap but works well as befits the proud name of Hammarlund. Choose between them? Na. I'm looking for a few more. Does this help simplify things?  
73 Gary N9ZSV

From boatanchors@theporch.com Tue Jun 11 19:28:59 1996  
From: Morris Odell <morriso@vifp.monash.edu.au>  
Subject: Tek '35A problem  
Message-ID: <199606112330.JAA10611@vifp.monash.edu.au>

Hi All (and especially Stan & Hank),

I'm having a slight problem with my Tek RM35A (rack mount 535A). There is a

jitter effect on the length of the A timebase where the right hand end of the trace does not have a stable position but jumps about a centimetre or so in random fashion. The trace itself is also slightly non-linear with cramping at the right hand end. The B timebase works fine. The jitter effect is also present when the A timebase is used to intensify the B timebase - the end of the intensified portion jumps around. This happens at all A timebase speed settings.

Things I have tried:

1. Power supplies all within tolerance
2. Substitution of all timebase tubes one by one - no help
3. Scoped the Trigger circuit - works perfectly
4. Wiggled the Trace Length pot - no noise and no stable setting point
5. Scoping the timebase proper shows jitter at the sweep end point and an instability in the ramp waveform where the hold-off circuit feeds back to the input of the sweep gating binary
6. B timebase works perfectly so it's not the X amplifier at fault.
7. Switch contacts seem OK although I haven't squirted them with anything

Any ideas from the experts?

73

Morris Odell VK3DOC Melbourne, Australia  
morriso@vifp.monash.edu.au  
<http://www.vifp.monash.edu.au/CFM/staff/mo.html>

From boatanchors@theporch.com Tue Jun 11 09:53:35 1996  
From: jproc@worldlinux.com  
Subject: Telegraph Key Web Site  
Message-ID: <Chameleon.4.01.2.960611073006.jproc@jproc>

Dear BAer's,

For those of you interested in vintage telegraph keys, there is a Web site which has 300 photos of these old keys and key collectors in action. The URL is:

<http://www.chss.montclair.edu/~pererat/telegraph.html>

Regards,

-----  
Jerry Proc, VE3FAB  
Radio Restoration Volunteer  
HMCS Haida

E-mail: jproc@worldlinx.com  
Toronto, Ontario  
-----

From boatanchors@theporch.com Tue Jun 11 09:53:35 1996  
From: Guy Dragoo <gdrag@proedge.com>  
Subject: Texas Hamcom et al  
Message-ID: <01BB5765.4566D0A0@ft239.computek.net>

Well, the verdict is in...Hamcom, as Jay Miller sez, "ain't no Dayton", =  
but of course what is?

I was pleasantly surprised by the number of Boat Anchors tho. All in =  
all not a bad show for this small town Texas boy (really an Oklahoman =  
but you know the saying "if you've been in Texas more than 6 months =  
you're a Texan"). Saw lots of very interesting stuff that I didn't see =  
at Dayton. I think there was probably a higher percentage of Boat =  
Anchors s/n than at Dayton.

Everything from outrageously cheap to absurdly expensive. The cheap =  
going fast and doing a quick change to the expensive is also (I guess) =  
"business as usual" (sigh).

I saw many of the C-word rigs that were high priced and clobbered to =  
boot (you guys that want Collins rigs hang on for some decent stuff...or =  
at least descent prices, it really is around...I promise). I recommend =  
that everyone that is looking around for reasonable prices on rigs =  
wait...these few guys will get tired of carting them around to all the =  
shows (probably why they are all beat up). =20

Had a good get together with a few guys from the list after Saturday's =  
show. Dennis Brady KC5EPZ, Gerald D'entremont WA5TVM, Ray Mack =  
WD5IFS, Tim Tolar KC5QPJ and his XYL Stacey KC5THY, and Me AC5HL and my =  
lovely (and tolerant) XYL Ginger. Those of us that made it to the =  
restaurant got together by accident (the Hostess was seating us under =  
the same reservation in multiple places). My apologies to those that =  
may have seated somewhere else or did not know that we were there =  
(because of a disinterested Hostess some others may have been just about =  
anywhere in the restaurant). =20

All in all, a good weekend well spent. I had lots of fun and we enjoyed =  
the company of some very nice and pleasant BA listmembers. Same time, =  
same place, and (hopefully) new hostess, next year.

73=20

Guy Dragoo AC5HL

From boatanchors@theporch.com Tue Jun 11 09:53:35 1996  
From: "James C. Garland" <garland@MPS.OHIO-STATE.EDU>  
Subject: Re: The dB dBate: my 2 cents worth



Message-ID: <01I5S29V30US8WW2T6@MPS.OHIO-STATE.EDU>

At 04:41 PM 6/10/96 -0700, you wrote:

>James C. Garland wrote:

>>

>> At the risk of confusing matters further: It's useful to keep in mind that  
>> decibels (dB) always refers to a power ratio. One would never refer to,  
>> e.g., a 10dB voltage ratio.

>>

>> That said, power can be expressed many ways, some of which include watts,  
>> horsepower, BTUs/sec, ergs/sec, newton-meters/sec, volts<sup>2</sup>/ohm,  
>> volt-amperes, etc. One can always make an algebraic substitution into the  
>> formula  $\text{dB} = 10 \cdot \log(P1/P2)$ , by writing P1 and P2 in terms of other variables,  
>> most notably  $P1 = V1^2/R$ . In case of such a substitution, the dB formula can  
>> be written in terms of the other variables (e.g.,  $\text{dB} = 20 \cdot \log(V1/V2)$ ), but it  
>> still represents a power ratio. dB=power ratio. Never forget it. No  
exceptions.

>>

>> Jim W8ZR

>

>Wrong, Jim:

>

>Power ratio is  $10 \cdot \log P2/P1$

>Voltage ratio is  $20 \cdot \log V2/V1$

>

>Dunno where you got that idea, but it's wrong.

>

>Many industries use voltage measurements rather than power, for example  
>the cable tv guys. Their signal level meters measure voltage across 75  
>ohms, and the display is in dB relative to some reference level.

>

>Live and learn.

>Mike

>

Sorry, Mike, but you're wrong about this. Your formulas are okay, and I agree with your comment about cable tv industries, etc., but you misunderstand the underlying concept. True, dB can be expressed as a function of voltage, as in  $20 \cdot \log V2/V1$ , but the expression still refers to a power ratio. In deriving the formula  $\text{dB} = 20 \cdot \log V2/V1$ , one begins with the defining equation for decibels, which is  $\text{dB} = 10 \cdot \log P1/P2$ , where P1/P2 is a ratio of two powers. Then one makes the substitution  $P1 = V1^2/R$  and  $P2 = V2^2/R$ , and implicitly assumes that the R in each expression is the same (so that it will cancel out). After making the substitution, one is left with  $\text{dB} = 20 \cdot \log V2/V1$ , which is a power ratio written in terms of voltage. As I said, dB always refers to a power ratio, but it may be expressed functionally in terms of other variables, voltage being one.

The confusion comes from the fact that s-meters and signal generator level meters are calibrated both in db (or dbm, which references the power to a particular level and impedance) and in volts. For example, 20 db always corresponds to a power ratio of 100. Indirectly, it corresponds to a voltage ratio of 10, but that is only true if the impedances are constant. The more fundamental meaning is the power ratio.

73,  
Jim W8ZR

From boatanchors@theporch.com Tue Jun 11 23:24:13 1996  
From: "Sandy, W5TVW" <70401.134@CompuServe.COM>  
Subject: TRADE: SP-600JX, SPC-10  
Message-ID: <960611233852\_70401.134\_IHD115-1@CompuServe.COM>

Hello gang! I have a "BA" that I will probably never get around to restoring!

Have the following: Hammerlund SP-600JX  
Hammerlund SPC-10 SSB Converter  
Instruction books (photocopies) for each.  
Rack cabinet for receiver

I'd like to trade both pieces for a PRISTINE Hallicrafters SX-100 (Late Mark) with instruction manual and R-46 loudspeaker. Preferably pickup only.

The SP-600 was working when I got it. Condition is fair cosmetically and it's dirty. I think it will probably cleanup fine. The SPC-10 is in good to excellent condition. Some CQ modification was made to it (I have the info) to 'improve' it but the circuitry added was built on a phenolic board about 3" X 6" and wired in. I don't think it would be difficult to restore to it's original condition. I hate to see this set just 'sit around' and just waste away. I have had it for about 3 months and haven't done anything with it, and it doesn't look promising that I will be able to start restoring it in the near future! I have a knee disability and it is very heavy and hard to handle. This contributed to my decision to trade it off!

I'll also consider other trades, but only if it is something VERY unusual and interesting. (Hallicrafters/National/???)

What say ye Boat Anchorites?

73,

Sandy, W5TVW

Boat Anchors collected, restored, modified, traded and used!

From boatanchors@theporch.com Tue Jun 11 23:24:13 1996

From: "Sandy, W5TVW" <70401.134@CompuServe.COM>

Subject: Re: TRADE: SP-600JX, SPC-10(addendum)

Message-ID: <960612020102\_70401.134\_IHD142-4@CompuServe.COM>

The Hammerlund is an SP-600JX-1 Serial 5523

Sandy, W5TVW

Boat Anchors collected, restored, modified, traded and used!

From boatanchors@theporch.com Tue Jun 11 09:53:35 1996

From: jproc@worldlinx.com

Subject: UK Tube Cross Reference

Message-ID: <Chameleon.4.01.2.960611104410.jproc@>

Ray,

That was a FABULOUS job you did on the UK Tube cross reference. I can only begin to guess as to how many hours of data entry time (and devotion) that job must have entailed. This list is of particular value to me and Haida's archives as I have a few British receivers that I have to support.

BRAVO ZULU (for non-navy people, that means a job superbly done!)

Regards,

-----  
Jerry Proc, VE3FAB

Radio Restoration Volunteer

HMCS Haida

E-mail: jproc@worldlinx.com

Toronto, Ontario  
-----

From boatanchors@theporch.com Tue Jun 11 19:28:59 1996

From: "Ray L. Mote" <rmote@rain.org>  
Subject: Re: UK Tube Cross Reference  
Message-ID: <Pine.SUN.3.93.960611092327.12136D-1000000@coyote.rain.org>

Thank you, sir! It averaged a couple hours/pages a day, as that was all I could cope with. The credit really needs to go to John Livingston on this List, for providing the original material.

73 & enjoy.....Ray Mote, W6RIC <rmote@rain.org>

From boatanchors@theporch.com Tue Jun 11 19:28:59 1996  
From: JIM\_ALLEN@HP-Cupertino-om5.om.hp.com  
Subject: Wanted: RF-4900 Manual  
Message-ID: <H000030e0403dc27@MHS>

Item Subject: cc:Mail Text  
I need a service/owners manual for a Panasonic RF-4900 receiver.  
I know it's not tube, but it's sort of old (and it's big and heavy).

Thanks,

Jim

KC6VWV

From boatanchors@theporch.com Tue Jun 11 19:28:59 1996  
From: jml@spider.lloyd.com (Jim Lockwood)  
Subject: Whatsit worth?????  
Message-ID: <m0uTX4L-002WjEC@spider.lloyd.com>

Gang,

I've been asked by a non-BAer to research fair prices for some oddball stuff from an estate. (Neither the fellow who's asking for help nor I have any conflict of interest here, BTW. We are just trying to do the right thing for the widow to maximize what she will receive when these are sold.)

Here are the items in the estate:

Crosley Model 51 in good condx

Shure Brothers 60N mike

Telegraph Apparatus Company side swipe type key

Ever heard of any of these things? Any guesses as to fair prices to put on them?

Thanks and 73,

Jim - km6nk

From boatanchors@theporch.com Tue Jun 11 09:53:35 1996  
From: Bill Sorsby <bill.sorsby@dlep1.itg.ti.com>  
Subject: Where are the HamCom Reports?  
Message-ID: <199606110320.WAA26275@dlep1.itg.ti.com>

All right guys! There were a bunch of you at HamCom Saturday. What was it like, besides wall-to-wall people? What did you get? How'd you make out price-wise? How did the dinner go?

HamCom is supposed to be the premier event for this part of the country but what little I've heard about it on the local repeaters is grousing from people who thought it stunk! (Using the new Radio Shack HT I picked up! Ooh, sorry Jack.)

BTW, on Sunday morning there was essentially no tailgating left and 90% of the gear I'd seen Friday evening was gone. So is it just the vendors who are happy? Are any of the buyers happy?

Regards,  
Bill Sorsby, N5BU bill.sorsby@dlep1.itg.ti.com

From boatanchors@theporch.com Tue Jun 11 09:53:35 1996  
From: Don Reaves <dr@cei.net>  
Subject: Re: Where are the HamCom Reports?  
Message-ID: <Pine.LNX.3.91.960610235653.24211A-100000@kc5jh.reaves.net>

On Mon, 10 Jun 1996, Bill Sorsby wrote:

>  
> All right guys! There were a bunch of you at HamCom Saturday. What was it  
> like, besides wall-to-wall people? What did you get? How'd you make out  
> price-wise? How did the dinner go?  
>

I was there. Met Bill and Jay Miller and a couple of other list guys whose names escape me at the moment. Haven't found some of my notes yet from unpacking. Bill is right. Sunday was dead, Saturday was extremely crowded, and Friday was the day for selling, at least for me. Those two B&W5100's and 51SB that Bill reported on were mine, and late Friday they found a new home, joining a couple of their brothers. I really wanted to keep the 5100B but UPS managed to really beat the heck out of the back panel and cover. Both heavy transformers at each corner of the rig were tilted out of true by 15 degrees. I wasn't up to man handling a 100lb chassis and trying to fix the mess. My fault, really. I should have helped the seller by sending an empty shipping crate/box for the B&W. They are HEAVY and BULKY and difficult to ship. Lesson learned. Anyway, the buyer was happy with it, and my lesson only cost me about \$50. Also sold an HT-32 in good shape for \$150. I'll keep the 32A I got from Tom Boyd.

I saw some unusual pieces Friday and early Saturday:

Lafayette "Professional 9" with airplane dial, clean. \$250  
RME 4350, fair, \$100  
Collins 310B1, fair, \$300  
National NC 125, good, \$200  
Gonset GSB 100, good, \$150  
Hallicrafters HT46, good, \$65  
Collins 310B1 fair to poor, \$300  
Hallicrafters S41G Sky rider Jr. fair, \$38  
Hammarlund HQ180E/HX50 pair, spkr, good, \$600

Other stuff:

HP 410B fair, \$25  
Tek 575, rough, paint flaking off, \$50.  
Collins R388, fair, \$300  
    75A1, fair to poor, \$150  
    51J4, good, \$400  
CE100V good, repainted case, \$265  
DX35, good, \$65  
DX35, poor, \$65, same table, but on the floor ?  
NC98, fair, \$70  
HQ145 held together by rust, \$50  
SX71, good, \$200  
Ranger, fair, \$100, marked sold  
Valiant II, good, \$200, marked sold  
Johnson KW matchbox, metered, good, \$300  
Johnson KW matchbox, metered, good, \$275  
Johnson 250W matchbox, modified with a roller inductor, \$125  
32V? fair, \$600  
R390A, cover, good, \$300  
6 or 7 KWM2 and 2As, \$475 - \$650 price range  
R-388, heavily modified and homebrew bottom plate, \$125. I was

sorely tempted by this one, but it was gone when I got around to deciding to take it home.

Saturday only, a guy from Houston had a trailer full of mostly fair to poor BA's, including a Globe King 400 with or without V70D tubes. I've forgotten the asking price, seems like it was over \$500 with tubes. He had two Viking 1's, rough, for \$125. A fellow Arkansan and long time collector, Jim Blackburn, got a TCS set, some AF-67's, a Meissner Signal Shifter, and probably a lot of other stuff for his museum displays.

In the stratosphere department (same seller):

HT32B and HT33B pair, \$900

NC400, excellent, best offer over \$1000

SX88, good, best offer over \$1000

By the way, the NC400 and SX88 and the 33B were still around last time I looked. The seller was heard to complain that there were no buyers for exotic gear at HamCom! Signs on the SX88 and NC400 warned lookers "Do NOT Turn Knobs!" I was tempted to see if the tuning knobs were frozen. HI.

This stuff jumped out of pickups and off tables into my minivan:

HP310A Wave Analyzer and HP606B, both for \$80.

BC-348Q, modified, speaker or vent holes in cabinet (Ouch), with mounting rack, good paint, AC supply, \$70

National NC 2-40D. Yellowed, cracked plastic dial cover, added plastic speaker baffle to right side of cabinet, otherwise clean. \$65

Also found some BA manuals, Chinese 6CA7's for less than \$10, couple of nice roller inductors.

Odds and ends:

Saw a stack of Johnson Rangers 5 deep being trucked out of the inside flea market. Spied a pickup off to the side of the tailgate area with a big sign that said, "free stuff, help yourself". Among the broken cassette tape recorders and CB carcasses was a Knight KN 734 Stereo amplifier and a Monarch stereo tuner. So I've now joined the glass audio crowd (4 6BQ5's). Missed the BA get-together Saturday night, had already purchased Ranger (Texas, not EFJ) tickets. Radio Shack had a semi full of pallets loaded with shrink wrapped surplus computers. Looked like a pickup full for \$400. I don't think anyone even \*looked\* in their direction. Surplus Sales of Nebraska was there, beautiful stuff, prices to match. N4TT, Fred, of Typetronics had lots of tubes and components displayed. Jim Tucker handed me one of his catalogs of reconditioned test equipment, which still has a few BAs listed: HP608E \$499, GR1650B \$595, Tek 575 \$595.

Oh, almost forgot. A custom built RF generator with 3-6146As in the

final found its way into my vehicle. Seller said it was a driver for a large plasma generator machine. Crystal included for 13.56 MC. Anyone know anything about these, or where to do research. First rate construction, Texas Instruments logo on the front panel. Wonder if I could convert it into a 20 meter CW ether burner?

I had fun!

---

Don Reaves KC5JH dr@cei.net  
46 Arbor Oaks Drive  
N. Little Rock, AR 72120

From boatanchors@theporch.com Tue Jun 11 09:53:35 1996  
From: "Cathy Elizabeth D'Entremont" <cdent@tenet.edu>  
Subject: Re: Where are the HamCom Reports?  
Message-ID: <Pine.OSF.3.91.960611070734.13498A-100000@gaston.tenet.edu>

Hey Ya'll:

In addition to Bill's earlier excellent report and Don and Guy's follow-ups have only couple brief notes to offer:

Missed opportunity of the day: Heath HW-104 - marked "no PS \$50" (OK, guys, hold the flame-throwers; I know it's not glass, but I'm looking for a mobile rig and it was "minty-fresh" clean for a 50 dollar bill)

I violated the Cardinal rule of hamfesting as Dennis, KC5EPZ observed at the BA dinner later that (Sat.) evening and held off, as I was running late on my way over to the VE session. When I went back after the tests to pick it up as a reward to myself for passing my Extra; it was gone (of course!). Footnote to all of this is that I went outside to the tail-gate area a bit later and saw the same rig in the back of some old boy's pick-up and asked him what the story was on it. He "hadn't got around to fooling with it yet and was only looking to get back out of it what he had in it" and when I asked him how much he needed to get out of it he said \$110!

Same fellow with the "best offer over \$1000 - do not touch knobs" NC-400 and SX-88 had a pair of ruff-looking Signal One's "best offer over \$500 for the pair". One was a CX-7 and the other a CX-7A, but the glass finals in them are getting kinda pricy and the exterior cndx scared me away. He also had a pretty nice looking NCL-2000 on the floor underneath all this stuff that I think was overlooked by a lotta folks with all the hoopla over the stuff on top of the table. (Didn't find out price).

My only acquisitions: an E.F. Johnson phone patch - Model 250-46 (standard documentation request goes here, although if I can't figure this thing out without it, I don't have any business being an Extra, HI!) Re-painted (badly, GLOSS Black!) non -original (holes in top, non- original knobs) ... still, for \$ 2.50 it jumped off the table and into my hands. I was actually looking for a project box and it was the right size and



price and when I picked it up and turned it over and saw what it was liked to have fell over. Can of Collins trim ring paint from SSN, a Sovtek 5AR4 NOS - \$10 (from Fred Schmidt, N4TT who was kind enough to give me a copy of his Tube Mail SuperMart list) and some super-duper hi-tech Kevlar/Dacon double-braided Batman/Power-Ranger antenna rope in military drab to replace the white double braided Dacron I've got strung up in the front yard right now; figure I might as well try to antagonize the neighbors as little as possible while I'm still fighting this tower deal.

Oh yeah,.. and when I got home and checked on the UALR call-server on the Web, found out that FCC had gotten around to acting on my 610V and restored my old call, which made a nice present to go with the new ticket!

Thanks for taking the time to organize the dinner, Guy...everybody had a good time and I look forward to seeing ya'll next year.

73, Gerald D'Entremont WA5TVM  
cdent@tenet.edu

From boatanchors@theporch.com Tue Jun 11 19:28:59 1996  
From: "D.D. Todd" <dube3@n-link.com>  
Subject: Re: Where are the HamCom Reports?  
Message-ID: <31BDD529.24BC@n-link.com>

Bill Sorsby wrote:

>

> All right guys! There were a bunch of you at HamCom Saturday. What was it  
> like

I arrived Saturday at about 11 AM; certainly not the time a serious hunter would show

up! I found it to be rather lightly attended by comparison to previous ones. I was

able to get through the aisles rather easily. Outside, there weren't as many tailgaters

either; or maybe a lot of them had sold out and left. Radio Shack had a huge trailer

load of computers outside; you could pick up a pallet containing computers/monitors/printers for \$300 (OK, so they're not vacuum-state, but they're almost BAs).

One tailgater had a monstrous load of test equipment; lots of TEK plugins, among lots of other stuff.

There was lots and lots of boatanchor items. I lost my notes somewhere along the way,

but there seemed to be plenty of Hallicrafters and Collins stuff. What caught my attention was the prices: they seem to be going up steeply. Seems like you used

to be  
able to pick up a nice BA for \$100 or less, and now they're over \$200. R390A (1  
each  
Motorola, Capehart and EAC) were \$225-\$300. All had meters, but one of them was  
missing  
the covers. Speaking of meters, one booth had R-390 meters at \$30 each, or \$55 a  
set.  
I remember seeing a HQ-??? clock for \$20.

I bought one item, a 5931 (5U4 with 600-volt and 275 mA rating). Only because it  
was 50  
cents (works, too!). Call me cheap!

Didn't see any of the guys in this group, but I did meet a Ham I had talked to on  
AM a  
few times.

I hope next year's convention is better.

73,  
Dube Todd            AB5AP            dube3@n-link.com

If we had to tolerate in others all that we permit in  
ourselves, life would be completely unbearable.  
- Georges Courtelline

From boatanchors@theporch.com Tue Jun 11 09:53:35 1996  
From: Cal Eustaquio N6KYR <ceustaqu@dot.w6bhz.calpoly.edu>  
Subject: WTB: Any make R-390A  
Message-ID: <Pine.SUN.3.91.960611035042.8428D-100000@dot.w6bhz.calpoly.edu>

I would like to purchase an R-390A. Pedigree is of little value, however,  
the unit must be in good, unmolested condition (no mechanical mods,etc).  
Electrically reversible mods o.k. Top and bottom covers are optional.  
Meters (original) must be included. Electrically must be complete. If  
there are electrical difficulties, I'll consider the rig but the price  
must reflect the deficiency. If you folks have such an animal for sale,  
please contact me at this e-mail address. Tnx. Cal.

From boatanchors@theporch.com Tue Jun 11 23:24:13 1996  
From: Jack Ray <k4mzw@akorn.net>  
Subject: [Fwd: Kenwood]  
Message-ID: <31BF8D47.A52@akorn.net>

This is a multi-part message in MIME format.

-----62521D06250B

Content-Type: text/plain; charset=iso-8859-1

Content-Transfer-Encoding: 8bit

Hi Gang I recently wrote to Paul Middleton at Kenwood chastising them  
for their stance on Ham Radio. Here is their/His reply:

--

MZê

-----62521D06250B

Content-Type: message/rfc822

Content-Transfer-Encoding: 7bit

Content-Disposition: inline

Received: from dfw-ix12.ix.netcom.com (dfw-ix12.ix.netcom.com [206.214.98.12]) by  
paris.akorn.net (8.7.3/8.7.3) with SMTP id UAA05675 for <k4mzw@akorn.net>; Tue, 11  
Jun 1996 20:08:12 -0400 (EDT)

Received: from (paulem@lax-ca19-03.ix.netcom.com [204.31.253.35]) by dfw-  
ix12.ix.netcom.com (8.6.13/8.6.12) with SMTP id RAA00261 for <k4mzw@akorn.net>;  
Tue, 11 Jun 1996 17:06:57 -0700